Integrated Environmental Solutions, Inc.

7550 E. Melton Road
Gary, Indiana 46403
Tel. 219.939.5000 Fax. 219.939.6950

9909 Roosevelt Road, Suite 104
Westchester, Illinois 60154
Tel. 708.344.9300 Fax. 708.344.9301

February 29, 2012

Ms. Dorreen Carey
City of Gary – Environmental Affairs Department
839 Broadway, Suite N206
Gary, Indiana 46402

RE: SUMMARY UNKNOWN DRUM SAMPLING & DISPOSAL
Former Truck City of Gary Property
7630 Chicago Avenue
Gary, IN 46406
IES Project #: S05020

Dear Ms. Carey:

In accordance with your verbal authorization, Integrated Environmental Solutions, Inc. (IES) has completed the sampling and disposal of numerous containers (e.g., 55-gallon steel drums and 5-gallon plastic buckets) that were discovered staged at the former Truck City of Gary property located at 7630 Chicago Avenue by Mr. Michael Beslow with the U.S Environmental Protection Agency (USEPA).

Location of Drums: On the northern portion of the former Truck City property near the north property boundary and fence line. The former Truck City of Gary buildings have been demolished, the address was 7630 Chicago Avenue, Gary, Lake County, Indiana (See Figure 1 – Site Layout Map).

Number and Type of Containers: Thirty-eight 55-gallons steel closed-top drums, one 30-gallon steel drum, approximately ten 5-gallon containers and ten 1-gallon containers of various products. The 55-gallon drums had exterior labels noting the original contents were transition fluids and various motor oils. The 30-gallon drum was unopened and labeled as a natural dumpster degreaser. The 5-gallon containers were labeled as latex paints, roof cement and roof coating. The 1-gallon containers were partially used paint cans.

Initial Activities: Wednesday, August 24, 2011
IES mobilized to the Site on Wednesday morning to assess the condition of the containers and see if the contents could be identified. IES photographed the scene and noted some information from the various labels on the containers. IES made sure that any uncovered bung holes were covered to minimize the potential for spilling and to prevent overflow in case of a rain event. Photographs taken during the initial visit are included as Attachment A.

Sampling Activities: Thursday, August 25, 2011
IES mobilized to the Site on Thursday morning to begin the sampling activities for the disposal of the drums. Because no one was able to identify the processes that generated the drums their contents were considered unknown. The majority of the 55-gallon and all of the 5-gallon containers were labeled with information pertaining to the original contents of the drums and IES began by attempting to confirm whether the actual contents of the drums corresponded to the label information.

IES set visqueen sheeting on the ground to the south of the initial drum location and began to move the drums onto the visqueen with a skid steer loader. Prior to moving the drums their bung holes were opened and a reading of any volatile organic vapors was taken using a photoionization detector (PID) equipped with a 10.6 eV lamp. Then a new glass drum thief was used for each drum to collect a small amount of material that was placed into new 8 ounce glass jars. Each drum was numbered and a table was made to record a description of the material in each drum along with any PID readings, pH readings and approximate number of inches of material in each drum. Table 1 details the information collected during the initial screening activities.

While the drums were being moved they were staged in groups on the visqueen based on visual characteristics of their contents. It was quickly determined that the exterior labels on the drums were note applicable to the drum contents. The drums were primarily a mixture of water and petroleum products that ranged from a thin layer of almost pure product to drums that were primarily water with thin layers of product on top.

Based upon the contents of the drums IES consulted with the company that was going to manage the material for disposal, RS Used Oil, located in Monee, Illinois, and decided to collect a single composite sample to analyze for disposal parameters. IES filled three new 1-liter clear glass jars with Teflon lined lids with material from all of the drums. The sample was placed on ice, documented with a chain-of-custody form, and transported to IES's office for pick-up by Microbac Laboratories, Inc., of Merrillville, Indiana, as documented in the laboratory chain-of-custody included in Attachment B.

This sample was analyzed for the following contaminants of concern (COCs):

- Polychlorinated Biphenyls (PCBs) (SW-846 Method 8082)
- Volatile Organic Compounds (VOCs) (SW-846 Method 8260B)
- TCLP-Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver (SW-846 Method 6010B/7470A)

The laboratory analyzed both the water portion and on the oil portion of the composite sample as two distinct layers formed when the sample had time to settle out.

The analysis indicated that the oil portion of the sample had a concentration of tetrachloroethene of 13 mg/Kg. Other COCs were detected in the samples but the solvent concentration prevented the material from being acceptable for regular oil recycling/disposal. A copy of the full analytical report is included in Attachment B.

Follow-up Sampling Activities: Friday, September 16, 2011
IES mobilized to the Site on Friday afternoon to collect additional composite samples for disposal. After discussing the results of the first composite sample with City of Gary it was determined that IES would assume the contents of all drums that had any PID readings above zero would be considered to have solvent contamination issues and should be managed for disposal as if they were a characteristic hazardous waste. The drums that did not have PID readings noted during the initial screening would be resampled and a number of composite samples would be collected based on the number of substantially similar materials noted in the drums. This resulted in an additional four composite samples being collected. The samples were placed on ice, documented with a chain-of-custody form, and transported to IES's office for pick-up by Microbac Laboratories, Inc., of Merrillville, Indiana, as documented in the laboratory chain-of-custody included in Attachment B.

The composite samples were analyzed for the same COCs as the initial composite sample. Analytical results did not indicate solvent concentrations above laboratory reporting limits. Based upon the results of both rounds of analysis the contents of 15 drums were to be treated as hazardous waste and the contents of the remaining 24 drums were accepted for regular oil recycling/disposal.

Disposal Activities: Wednesday, October 19, 2011
IES mobilized to the Site on Wednesday morning to begin the disposal activities. IES had a vacuum truck from RS Used Oil mobilize to the site to remove the liquid contents from the 24 drums that the second round of sampling indicated were acceptable for regular recycling/disposal. Approximately 460 gallons of non-hazardous petroleum contaminated water was removed from the 24 drums and transported to Klean Waters, Inc. in Griffith, Indiana for recycling/disposal. Disposal documentation for the removed liquid is included in Attachment C.

While on-site, IES consolidated the material in the 15 drums which resulted in 11 drums needing disposal as hazardous waste. All of the empty steel 55-gallon drums were transported to IES' facility in Gary, Indiana for further management/recycling as scrap.

Follow-up Disposal Activities: Friday, November 4, 2011
IES mobilized to the Site on Friday morning to complete the disposal activities. IES meet on-site with representatives from Stericycle Specialty Waste Solutions, Inc., out of Lake Forest, Illinois, who loaded the remaining eleven 55-gallon drums onto their truck and transported them to the Tradebe Treatment and Recycling, LLC, facility in East Chicago, Indiana for disposal. Disposal documentation for the hazardous waste drums is included in Attachment C.

♦ ♦ ♦ ♦ ♦ ♦ ♦

Conclusions:
Unknown drums had been found on a property, the former Truck City of Gary, owned by the City of Gary and IES was contracted to conduct sampling for the disposal of the unknown material. Sampling of the material indicated that some of the drums contained petroleum contaminated water with solvent concentrations in the hazardous waste range. Two rounds of sampling were conducted in order to minimize the amount of material that needed to be disposed of as hazardous waste.

Based on these analytical results of five composite samples approximately 460 gallons of petroleum contaminated water were disposed of by standard oil recycling procedures. Additionally, eleven 55-gallon drums were disposed of as hazardous waste.

One 55-gallon drum was filled with the material collected from the various 5-gallon and 1-gallon containers of latex paint and roofing cement compounds. This drum will be managed for disposal by OSI Environmental Inc., out of their Merrillville, Indiana office.

♦ ♦ ♦ ♦ ♦ ♦ ♦

If you have any questions regarding this summary report, please contact our office at (219) 939-5000.

Sincerely,
Integrated Environmental Solutions, Inc.

David A. Peña
Project Manger

Sudhir Mantri, P.E.
Principal

Attachments

FIGURES

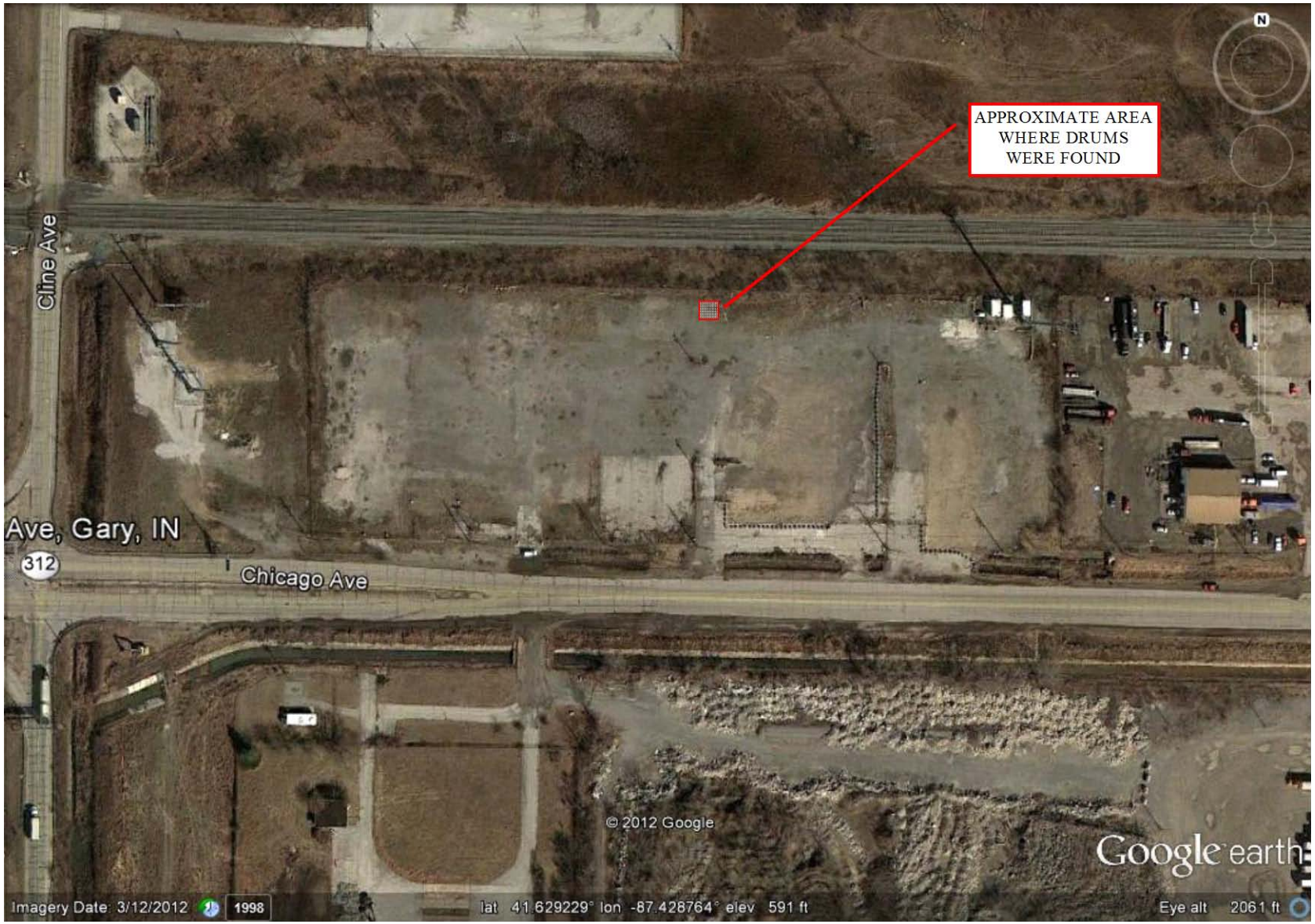

FIGURE 1
SITE LAYOUT MAP

Former Truck City of Gary Property
7630 Chicago Avenue
Gary, IN 46406

IES Project No. S05020	Scale: None	Date Prepared: 2/21/12	Prepared by: David Peña

7550 E. MELTON ROAD
GARY, INDIANA 46403

TABLES

Table 1

Summary of Unknown Drum Inventory

August 25, 2011

Former Truck CIty of Gary Property

7630 Chicago Avenue, Gary, IN 46406

Drum Number	Volume (Gallons)	Solids (S) or Liquids (L)	Approx. Inches of Liquid	Layers Present (Y/N)	Color	Description	Label Information (on side of drum)	PID (ppm)	pH
1	55	L	6	Y	Slight amber	65/35 amber oil on water	A/W Hydraulic Oil 46 - CITGO	0	6
2	55	L	10.5	Y	Reddish Black	0/50 black on clear	CITGO Citgard 15w40 Motor Oil	0	6
3	55	L	11	Y	Amber	50/50 amber on clear	A/W Hydraulic Oil 46 - CITGO	0	6
4	55	L	16	Y	Amber	40/60 Amber on clear	CITGO AW46 Hydraulic Oil	0	6
5	55	L	4		Amber	Amber	A/W Hydraulic Oil 46 - CITGO	0	6
6	55	L	11	Y	Amber	60/40 amber over clear	CITGO Citgard 15w40 Motor Oil	0	6
7	55	L	6	N	Reddish pink	Reddish pink trans fluid	CITGO Transgard MP ATF	0	6
8	55	L	5	COAG	Clear	Pink/white coagulants in clear	Permanent Antifreeze 50/50 pre mix	0	6
9	55	L	5	N	Pink	Pink lliquid	A/W Hydraulic Oil 46 - CITGO	0	6
10	55	L	17	Y	Amber	5/95 amber on clear	A/W Hydraulic Oil 46 - CITGO	0	6
11	55	L	4.5	COAG	Clear	Pink/white (10/90) coagulants in clear	Rotella ELC C/AF pre-diluted 50/50	0	6
12	55	L	15.5	Y	Amber	5/95 amber on clear	CITGO AW46 Hydraulic Oil	0	6
13	55	L	24	N	Black	Black oily liquid	A/W Hydraulic Oil 46 - CITGO	31	6
14	55	L	8	Y	Amber	5/95 amber on clear	A/W Hydraulic Oil 46 - CITGO	0	6
15	55	L	23	Y	Greenish Amber	70/30 amber on clear, slight gasoline odor	Citgard 500 15w40 Oil	214	6
16	55	L	14	N	Slight amber	no layer present	Permanent Antifreeze 50/50 pre diluted	0	6
17	55	L	6	Y	pink/grey	ping/grey w/ caogulants on clear	CITGO Citgard 15w40 Motor Oil	0	6

Table 1

Summary of Unknown Drum Inventory

August 25, 2011

Former Truck CIty of Gary Property

7630 Chicago Avenue, Gary, IN 46406

Drum Number	Volume (Gallons)	Solids (S) or Liquids (L)	Approx. Inches of Liquid	Layers Present (Y/N)	Color	Description	Label Information (on side of drum)	PID (ppm)	pH
18	55	L	9	Y	Amber	80/20 amber on clear	CITGO AW46 Hydraulic Oil	0	6
19	55	L	24	N	Black	Black oily liquid	CITGO Hydraulic Oil 46	108	6
20	55	L	21.5	Y	Black	60/40 black on clear	Transgard ATF Dexron III/Mercon	215	7
21	55	L	16	N	Black	Black oily liquid	A/W Hydraulic Oil 46 - CITGO	36	
22	55	L	28	Y	Black	50/50 black on clear	CITGO AW46 Hydraulic Oil	100	6
23	55	L	13	N	Slight amber	no layer present	Permanent Anti-freeze 50/50 pre-mix	0	7
24	55	L	6	N	Amber	no layer present	CITGO AW46 Hydraulic Oil	2	7
25	55	L	22	Y	Greenish Amber	no layer present, slight gasoline odor	CITGO AW46 Hydraulic Oil	319	5
26	55	L	32	N	Black	10/90 black on clear	CITGO AW46 Hydraulic Oil	25	6
27	55	L	9	Y	Clear	Clear	Permanent Antifreeze 50/50 premix	0	6
28	55	L	8	N	Rust	40/60 Rust on clear	Permanent Antifreze 50/50 premix	53	7
29	55	L	32	Y	Clear	clear, very few black globules	Citgard 500 15w40 Oil	0	7
30	55	L	4	N	Black on amber	60/40 black on amber	Permanent Antifreeze 50/50 premix	15	
31	55	L	32	N	Black	Black oily liquid	CITGO AW46 Hydraulic Oil	75	
32	55	L	32	Y	Clear	clear	Permanent Antifreeze 50/50 premix	0	6
33	55	L	24	Y	Pink	90/10 pink on clear	CITGO Transgard MP ATF	0	6

Table 1

Summary of Unknown Drum Inventory
August 25, 2011

Former Truck CIty of Gary Property
7630 Chicago Avenue, Gary, IN 46406

Drum Number	Volume (Gallons)	Solids (S) or Liquids (L)	Approx. Inches of Liquid	Layers Present (Y/N)	Color	Description	Label Information (on side of drum)	PID (ppm)	pH
34	55	L	4	Y	Grey	50/50 gey on clear	Permanent Antifreeze 50/50 premix	98	7
35	55	L	13	Y	Grey	5/95 grey o clear	CITGO 46 Hydraulic Oil	0	7
36	55	L	2	N	Greenish Amber	no layering	Permanent Antifreeze 50/50 premix	0	7
37	55	L	3	N	Brownish red	Appears to be oil	CITGO Citgard 700 15w40 Motor Oil	0	7
38	55	L	13.5	N	Black	Black oily liquid	CITGO AW46 Hydraulic Oil	181	
39	30	L		N	Brownish red	Appears to be oil	Premium Gear Oil 80w90	5	

ATTACHMENT A

Photographic Documentation

Photo 1 View to the north showing the 55-gallon closed top drums staged on the northern portion of the former Truck City of Gary property.

Photo 2 Along with the 55-gallon drums there were a few plastic 5-gallon containers of roofing sealant and latex paint.

Photo 3 Not all of the drums had bung hole caps in-place. Some drums had latex gloves covering the holes. During the initial site visit the gloves on 3 drums were inflated by vapors produced by the drums.

Photo 4 Typical view of the drums as found. Side labels were present on some and in generally good condition. Top labels were mostly illegible. Labels did not end up matching the contents of the drums.

ATTACHMENT B

Microbac Laboratories, Inc. – Analytical Reports
September 7, 2011 & September 30, 2011

September 7, 2011

Industrial & Environmental Services, LLC
7550 E. Melton Rd
Gary, IN 46403-

Work Order No.: 11H1670

Re: Drum Disposal/Gary, IN

Dear David Pena:

Microbac Laboratories, Inc. - Chicagoland Division received 2 sample(s) on 8/26/2011 10:57:00AM for the analyses presented in the following report as Work Order 11H1670.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please contact your project manager. For any feedback, please contact Jeff Loewe, Division Manager at jeff.loewe@microbac.com. You may also contact Sean Hyde, Chief Operating Officer at sean.hyde@microbac.com or James Nokes, President at james.nokes@microbac.com.

Sincerely,

Dan Paluch
Project Manager

WORK ORDER SAMPLE SUMMARY

Date: *Wednesday, September 7, 2011*

Client: Industrial & Environmental Services, LLC
Project: Drum Disposal/Gary, IN
Lab Order: 11H1670

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11H1670-01	Disposal Sample #1-Aqueous		08/25/2011 17:20	8/26/2011 10:57:00AM
11H1670-02	Disposal Sample #1-Oil		08/25/2011 17:20	8/26/2011 10:57:00AM

CASE NARRATIVE

Date: *Wednesday, September 7, 2011*

Client: Industrial & Environmental Services, LLC
Project: Drum Disposal/Gary, IN
Lab Order: 11H1670

Disposal Sample #1-Aqueous-- B018890-BS1 failed acceptance criteria with low bias for Aroclor 1016 and 1260. B018890-BSD1 failed precision criteria for Aroclor 1016 and 1260.

At the time of analysis the pH of the Disposal Sample #1-Aqueous sample was greater than 2. This sample failed to meet the VOA preservation criteria.

VOA Disposal Sample #1--LCS and LCSD failed acceptance criteria with high bias for 1,1,2,2-tetrachloroethane. LCS also failed with high bias for cis-1,3-dichloropropene, and with low bias for 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene. LCSD also failed with high bias for 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,2,4-trimethylbenzene, n-butylbenzene, sec-butylbenzene, and tert-butylbenzene.

Analytical Results

Date: *Wednesday, September 7, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal/Gary, IN
Client Sample ID: Disposal Sample #1-Aqueous
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1670-01
Sampled: 08/25/2011 17:20
Received: 08/26/2011 10:57

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **40CFR136**				Analyst: **CLR** Prep Date/Time: **08/30/2011 08:59**	
Aroclor 1016	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1221	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1232	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1242	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1248	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1254	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1260	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1262	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Aroclor 1268	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Total PCB's	A	***ND***	0.00050		mg/L	1	08/30/2011 22:49
Surr: Decachlorobiphenyl	S	35.00	26-116		%REC	1	08/30/2011 22:49
Surr: Tetrachloro-m-xylene	S	65.00	40-130		%REC	1	08/30/2011 22:49
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/01/2011 09:01**	
1,1,1,2-Tetrachloroethane	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
1,1,1-Trichloroethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
1,1,2,2-Tetrachloroethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
1,1,2-Trichloroethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
1,1-Dichloroethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
1,1-Dichloroethene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
1,2-Dichloroethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
1,2-Dichloropropane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
2-Butanone	A	***0.67***	0.10		mg/L	10	09/01/2011 14:26
2-Hexanone	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
4-Methyl-2-Pentanone	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Acetone	A	***0.85***	0.50		mg/L	10	09/01/2011 14:26
Acrolein	A	***ND***	1.0		mg/L	10	09/01/2011 14:26
Acrylonitrile	A	***ND***	1.0		mg/L	10	09/01/2011 14:26
Benzene	A	***4.5***	0.50		mg/L	100	09/01/2011 15:02
Bromodichloromethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Bromoform	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Bromomethane	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Carbon Disulfide	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Carbon tetrachloride	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Chlorobenzene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Chloroethane	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Chloroform	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Chloromethane	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
cis-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
cis-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Dibromochloromethane	A	***ND***	0.050		mg/L	10	09/01/2011 14:26

Analytical Results

Date: *Wednesday, September 7, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal/Gary, IN
Client Sample ID: Disposal Sample #1-Aqueous
Sample Description:
Matrix: Aqueous

Work Order/ID: 11H1670-01
Sampled: 08/25/2011 17:20
Received: 08/26/2011 10:57

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/01/2011 09:01**	
Ethylbenzene	A	***0.66***	0.050		mg/L	10	09/01/2011 14:26
m,p-Xylene	A	***2.2***	0.050		mg/L	10	09/01/2011 14:26
Methylene chloride	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Methyl-t-Butyl Ether	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
o-Xylene	A	***1.0***	0.050		mg/L	10	09/01/2011 14:26
Styrene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Tetrachloroethene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Toluene	A	***7.8***	0.50		mg/L	100	09/01/2011 15:02
trans-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
trans-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Trichloroethene	A	***ND***	0.050		mg/L	10	09/01/2011 14:26
Trichlorofluoromethane	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Vinyl Acetate	A	***ND***	0.10		mg/L	10	09/01/2011 14:26
Vinyl chloride	A	***ND***	0.020		mg/L	10	09/01/2011 14:26
Total 1,2-Dichloroethene	M	***ND***	0.050		mg/L	10	09/01/2011 14:26
Total Xylenes	M	***3.2***	0.050		mg/L	10	09/01/2011 14:26
Surr: 1,2-Dichloroethane-d4	S	101.00	74.5-132		%REC	1	09/01/2011 14:26
Surr: 4-Bromofluorobenzene	S	103.00	80-120		%REC	1	09/01/2011 14:26
Surr: Dibromofluoromethane	S	93.30	80-120		%REC	1	09/01/2011 14:26
Surr: Toluene-d8	S	113.00	80-120		%REC	1	09/01/2011 14:26
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **08/31/2011 08:32**	
Mercury	A	***ND***	0.00100		mg/L	1	08/31/2011 11:29
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **08/31/2011 08:25**	
Arsenic	A	***0.0106***	0.0100		mg/L	1	08/31/2011 12:44
Barium	A	***ND***	0.500		mg/L	1	08/31/2011 12:44
Cadmium	A	***ND***	0.00200		mg/L	1	08/31/2011 12:44
Chromium	A	***0.0115***	0.00300		mg/L	1	08/31/2011 12:44
Lead	A	***ND***	0.00750		mg/L	1	08/31/2011 12:44
Selenium	A	***ND***	0.0300		mg/L	1	08/31/2011 12:44
Silver	A	***ND***	0.0100		mg/L	1	08/31/2011 12:44

Analytical Results

Date: *Wednesday, September 7, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal/Gary, IN
Client Sample ID: Disposal Sample #1-Oil
Sample Description:
Matrix: Oil

Work Order/ID: 11H1670-02
Sampled: 08/25/2011 17:20
Received: 08/26/2011 10:57

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3580A**				Analyst: **CLR** Prep Date/Time: **08/29/2011 10:04**	
Aroclor 1016	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1221	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1232	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1242	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1248	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1254	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1260	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1262	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Aroclor 1268	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Total PCB's	A	***ND***	1.0		mg/Kg	1	08/31/2011 3:24
Surr: Decachlorobiphenyl	S	110.00	52.6-143		%REC	1	08/31/2011 3:24
Surr: Tetrachloro-m-xylene	S	360.00	51.3-135	IS	%REC	1	08/31/2011 3:24
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/01/2011 09:00**	
1,1,1,2-Tetrachloroethane	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
1,1,1-Trichloroethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
1,1,2,2-Tetrachloroethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
1,1,2-Trichloroethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
1,1-Dichloroethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
1,1-Dichloroethene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
1,2-Dichloroethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
1,2-Dichloropropane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
2-Butanone	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
2-Hexanone	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
4-Methyl-2-Pentanone	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Acetone	A	***51***	48		mg/Kg	1000	09/01/2011 15:32
Acrolein	A	***ND***	97		mg/Kg	1000	09/01/2011 15:32
Acrylonitrile	A	***ND***	97		mg/Kg	1000	09/01/2011 15:32
Benzene	A	***190***	4.8		mg/Kg	1000	09/01/2011 15:32
Bromodichloromethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Bromoform	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Bromomethane	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Carbon Disulfide	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Carbon tetrachloride	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Chlorobenzene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Chloroethane	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Chloroform	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Chloromethane	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
cis-1,2-Dichloroethene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
cis-1,3-Dichloropropene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Dibromochloromethane	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32

Analytical Results

Date: *Wednesday, September 7, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal/Gary, IN
Client Sample ID: Disposal Sample #1-Oil
Sample Description:
Matrix: Oil

Work Order/ID: 11H1670-02
Sampled: 08/25/2011 17:20
Received: 08/26/2011 10:57

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/01/2011 09:00**	
Ethylbenzene	A	***280***	120		mg/Kg	25000	09/01/2011 16:12
m,p-Xylene	A	***950***	120		mg/Kg	25000	09/01/2011 16:12
Methylene chloride	A	***1200***	240		mg/Kg	25000	09/01/2011 16:12
Methyl-t-Butyl Ether	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
o-Xylene	A	***390***	120		mg/Kg	25000	09/01/2011 16:12
Styrene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Tetrachloroethene	A	***13***	4.8		mg/Kg	1000	09/01/2011 15:32
Toluene	A	***1100***	120		mg/Kg	25000	09/01/2011 16:12
trans-1,2-Dichloroethene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
trans-1,3-Dichloropropene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Trichloroethene	A	***ND***	4.8		mg/Kg	1000	09/01/2011 15:32
Trichlorofluoromethane	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Vinyl Acetate	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Vinyl chloride	A	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Total 1,2-Dichloroethene	M	***ND***	9.7		mg/Kg	1000	09/01/2011 15:32
Total Xylenes	M	***1300***	120		mg/Kg	25000	09/01/2011 16:12
Surr: 1,2-Dichloroethane-d4	S	111.00	74.5-132		%REC	1	09/01/2011 15:32
Surr: 4-Bromofluorobenzene	S	109.00	80-120		%REC	1	09/01/2011 15:32
Surr: Dibromofluoromethane	S	93.10	80-120		%REC	1	09/01/2011 15:32
Surr: Toluene-d8	S	108.00	80-120		%REC	1	09/01/2011 15:32
TCLP Mercury by CVAA		Method: **1311/7470A** Prep Method: **/SW-846 7470**				Analyst: **SA** Prep Date/Time: **08/31/2011 08:32**	
Mercury	A	***ND***	0.0125		mg/L	1	08/31/2011 11:33
TCLP Metals by ICP		Method: **1311/6010B** Prep Method: **/SW846 3010A**				Analyst: **SA** Prep Date/Time: **08/31/2011 08:25**	
Arsenic	A	***ND***	0.250		mg/L	1	08/31/2011 13:00
Barium	A	***ND***	12.5		mg/L	1	08/31/2011 13:00
Cadmium	A	***0.180***	0.0500		mg/L	1	08/31/2011 13:00
Chromium	A	***0.120***	0.0750		mg/L	1	08/31/2011 13:00
Lead	A	***1.32***	0.188		mg/L	1	08/31/2011 13:00
Selenium	A	***ND***	0.750		mg/L	1	08/31/2011 13:00
Silver	A	***ND***	0.250		mg/L	1	08/31/2011 13:00

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed
mg/L	=	Milligrams per Liter (ppm)
mg/Kg	=	Milligrams per Kilogram (ppm)
U	=	Undetected
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)
B	=	Detected in the associated method Blank at a concentration above the routine PQL/RL
D	=	Dilution performed on sample
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if used)
E	=	Value above quantitation range
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time
I	=	Matrix Interference
R	=	RPD outside accepted recovery limits
S	=	Spike recovery outside recovery limits
Surr	=	Surrogate
DF	=	Dilution Factor
RL	=	Reporting Limit
MDL	=	Method Detection Limit
NR	=	Not Recovered

ANALYTE TYPES: (AT)

A,B	=	Target Analyte
I	=	Internal Standard
M	=	Summation Analyte
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate
BS	=	Method Blank Spike	BSD	=	Method Blank Spike Duplicate
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification
PDS	=	Post Digestion Spike	SD	=	Serial Dilution
OPR	=	Ongoing Precision and Recovery Standard			

CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

The American Association for Laboratory Accreditation [A2LA] for Biological Testing, ISO/IEC 17025 (Certificate# 3045.01)
The American Association for Laboratory Accreditation [A2LA] for Environmental Department of Defense Testing, ISO/IEC 17025 (Certificate# 3045.02)
Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #200064)
Illinois Department of Public Health for the microbiological analysis of drinking water (registry #1755266)
Indiana DEM approved support laboratory for solid waste and wastewater analyses
Indiana SDH for the chemical analysis of drinking water (lab #C-45-03)
Indiana SDH for the microbiological analysis of drinking water (lab #M-45-8)
Kansas Department of Health and Environment for the analysis of drinking water, wastewater, and solid hazardous waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (Certificate No. E-10397)
Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #75)
North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations(certificate #597)
Pennsylvania Department of Environmental Protection (Registration No.: 68-04863)
Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

COOLER INSPECTION

Date: Wednesday, September 7, 2011

Client Name: Industrial & Environmental Services, LLC

Date/Time Received: 08/26/2011 10:57

Work Order Number: 11H1670

Received by: Dave Bryant

Checklist completed by: 8/26/2011 5:34:00PM | Dave Bryant

Reviewed by: 9/6/2011 | DPP

Carrier Name: Microbac

Cooler ID: Default Cooler

Container/Temp Blank Temperature: 5.00°C

After-Hour Arrival?	Yes	☐	No	☑		
Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐
Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	Not Present	☑
Custody seals intact on sample containers?	Yes	☐	No	☐	Not Present	☑
COC present?	Yes	☑	No	☐		
COC included sufficient client identification?	Yes	☑	No	☐		
COC included sufficient sample collector information?	Yes	☑	No	☐		
COC included a sample description?	Yes	☑	No	☐		
COC agrees with sample labels?	Yes	☑	No	☐		
COC identified the appropriate matrix?	Yes	☑	No	☐		
COC included date of collection?	Yes	☑	No	☐		
COC included time of collection?	Yes	☑	No	☐		
COC identified the appropriate number of containers?	Yes	☑	No	☐		
Samples in proper container/bottle?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		
All samples received within holding time?	Yes	☑	No	☐		
If the samples are preserved, are the preservatives identified?	Yes	☑	No	☐		

If No, adjusted by? _____

COC included the requested analyses?	Yes	☑	No	☐		
COC signed when relinquished and received?	Yes	☑	No	☐		
Samples received on ice?	Yes	☑	No	☐		
Samples properly preserved?	Yes	☑	No	☐		
Voa vials for aqueous samples have zero headspace?	Yes	☐	No	☐	No VOA vials submitted	☑

Cooler Comments:

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

Sample ID	Client Sample ID	Comments
11H1670-01	Disposal Sample #1-Aqueous	Aqueous Layer
11H1670-02	Disposal Sample #1-Oil	Oil Layer

11H1670 Dan Paluch
IES - Gary, IN
General Analysis

08/26/2011

Microbac®

Samples Submitted to:

[X] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664

[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

RUSH

Chain of Custody Record

Number 86751

Instructions on back

Client Name I.E.S.	Project DRUM DISPOSAL	Turnaround Time	Report Type
Address 7550 E. MELTON RD	Location GARY, IN	[ ] Routine (7 working days)	[X] Results Only [ ] Level II
City, State, Zip GARY, IN 46403	PO #	[X] RUSH* (notify lab)	[ ] Level III [ ] Level III CLP-like
Contact DAVID PEÑA	Compliance Monitoring? [X] Yes(1) [ ] No	_____ (needed by)	[ ] Level IV [ ] Level IV CLP-like
Telephone # 219-939-5000 x18	(1)Agency/Program IDEM / RISC		[ ] EDD

Sampled by (PRINT) DAVID PEÑA Sampler Signature _____ Sampler Phone # 219-939-5000

Send Report via [ ] Mail [ ] Telephone [ ] Fax (fax #) _____ [X] e-mail (address) _____

* **Matrix Types:** Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** **Preservative Types:** (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types ** ↓	TCLP RCRA 8 METALS	VOCs	PCBs							For Lab Use Only
DISPOSAL SAMPLE #1	DW		X		8/25/11	5:20p	3	NONE	X	X	X							11H1670 01

Possible Hazard Identification [ ] Hazardous [X] Non-Hazardous [ ] Radioactive **Sample Disposition** [X] Dispose as appropriate [ ] Return [ ] Archive

Comments

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Sample temperature upon receipt in degrees C = 5°C at

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
[signature]	8/26/11 1036	[signature]	8/26/11 1036
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Relinquished By (signature)	Date/Time	Received for Lab By (signature)	Date/Time
[signature]	8/26/11 1057	[signature]	8/26/11 1057

rev. 11/04/04

Page 1 of 1

September 30, 2011

Industrial & Environmental Services, LLC
7550 E. Melton Rd
Gary, IN 46403-

Work Order No.: 11I1015

Re: Drum Disposal / Gary, IN

Dear David Pena:

Microbac Laboratories, Inc. - Chicagoland Division received 7 sample(s) on 9/19/2011 11:12:00AM for the analyses presented in the following report as Work Order 11I1015.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please contact your project manager. For any feedback, please contact Jeff Loewe, Division Manager at jeff.loewe@microbac.com. You may also contact Sean Hyde, Chief Operating Officer at sean.hyde@microbac.com or James Nokes, President at james.nokes@microbac.com.

Sincerely,

Dan Paluch
Project Manager

WORK ORDER SAMPLE SUMMARY

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Project: Drum Disposal / Gary, IN
Lab Order: 11I1015

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11I1015-01	Composite Sample #2		09/16/2011 15:41	9/19/2011 11:12:00AM
11I1015-02	Composite Sample #2		09/16/2011 15:41	9/19/2011 11:12:00AM
11I1015-03	Composite Sample #3		09/16/2011 16:45	9/19/2011 11:12:00AM
11I1015-04	Composite Sample #3		09/16/2011 16:45	9/19/2011 11:12:00AM
11I1015-05	Composite Sample #4		09/16/2011 17:10	9/19/2011 11:12:00AM
11I1015-06	Composite Sample #4		09/16/2011 17:10	9/19/2011 11:12:00AM
11I1015-07	Composite Sample #5		09/16/2011 15:41	9/19/2011 11:12:00AM

CASE NARRATIVE

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Project: Drum Disposal / Gary, IN
Lab Order: 11I1015

pH greater than 2 at time of analysis for samples Composite Sample #1, #3, #4, and #5.
Composite Sample #1, #3, #4, and #5 were analyzed at a 1:10 dilution due to oily water matrix and high concentrations of non-target analytes.

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #2
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-01
Sampled: 09/16/2011 15:41
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3510B**				Analyst: **clr** Prep Date/Time: **09/27/2011 11:02**	
Aroclor 1016	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1221	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1232	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1242	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1248	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1254	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1260	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1262	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Aroclor 1268	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Total PCB's	A	***ND***	0.68	H	µg/L	1	09/27/2011 21:57
Surr: Decachlorobiphenyl	S	65.00	26-116	H	%REC	1	09/27/2011 21:57
Surr: Tetrachloro-m-xylene	S	270.00	40-130	HIS	%REC	1	09/27/2011 21:57
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
1,1,1-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
1,1,2,2-Tetrachloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
1,1,2-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
1,1-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
1,1-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
1,2-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
1,2-Dichloropropane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
2-Butanone	A	***0.12***	0.10		mg/L	10	09/28/2011 12:28
2-Hexanone	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
4-Methyl-2-Pentanone	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Acetone	A	***ND***	0.50		mg/L	10	09/28/2011 12:28
Acrolein	A	***ND***	1.0		mg/L	10	09/28/2011 12:28
Acrylonitrile	A	***ND***	1.0		mg/L	10	09/28/2011 12:28
Benzene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Bromodichloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Bromoform	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Bromomethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Carbon Disulfide	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Carbon tetrachloride	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Chlorobenzene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Chloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Chloroform	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Chloromethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
cis-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
cis-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Dibromochloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:28

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #2
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-01
Sampled: 09/16/2011 15:41
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
m,p-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Methylene chloride	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Methyl-t-Butyl Ether	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
o-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Styrene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Tetrachloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Toluene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
trans-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
trans-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Trichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:28
Trichlorofluoromethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Vinyl Acetate	A	***ND***	0.10		mg/L	10	09/28/2011 12:28
Vinyl chloride	A	***ND***	0.020		mg/L	10	09/28/2011 12:28
Total 1,2-Dichloroethene	M	***ND***	0.050		mg/L	10	09/28/2011 12:28
Total Xylenes	M	***ND***	0.050		mg/L	10	09/28/2011 12:28
Surr: 1,2-Dichloroethane-d4	S	113.00	74.5-132		%REC	1	09/28/2011 12:28
Surr: 4-Bromofluorobenzene	S	94.30	80-120		%REC	1	09/28/2011 12:28
Surr: Dibromofluoromethane	S	102.00	80-120		%REC	1	09/28/2011 12:28
Surr: Toluene-d8	S	95.10	80-120		%REC	1	09/28/2011 12:28
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **09/28/2011 08:27**	
Mercury	A	***ND***	0.00100		mg/L	1	09/28/2011 11:50
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **09/28/2011 08:40**	
Arsenic	A	***ND***	0.0100		mg/L	1	09/28/2011 15:30
Barium	A	***ND***	0.500		mg/L	1	09/28/2011 15:30
Cadmium	A	***ND***	0.00200		mg/L	1	09/28/2011 15:30
Chromium	A	***0.00520***	0.00300		mg/L	1	09/28/2011 15:30
Lead	A	***ND***	0.00750		mg/L	1	09/28/2011 15:30
Selenium	A	***ND***	0.0300		mg/L	1	09/28/2011 15:30
Silver	A	***ND***	0.0100		mg/L	1	09/28/2011 15:30

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #2
Sample Description:
Matrix: Oil

Work Order/ID: 11I1015-02
Sampled: 09/16/2011 15:41
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3580A**				Analyst: **clr** Prep Date/Time: **09/27/2011 09:47**	
Aroclor 1016	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1221	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1232	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1242	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1248	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1254	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1260	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1262	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Aroclor 1268	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Total PCB's	A	***ND***	1900		µg/Kg	1	09/27/2011 16:46
Surr: Decachlorobiphenyl	S	80.00	52.6-143		%REC	1	09/27/2011 16:46
Surr: Tetrachloro-m-xylene	S	55.00	51.3-135		%REC	1	09/27/2011 16:46
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
1,1,1-Trichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
1,1,2,2-Tetrachloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
1,1,2-Trichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
1,1-Dichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
1,1-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
1,2-Dichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
1,2-Dichloropropane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
2-Butanone	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
2-Hexanone	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
4-Methyl-2-Pentanone	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Acetone	A	***ND***	2500		µg/Kg	50	09/28/2011 14:28
Acrolein	A	***ND***	4900		µg/Kg	50	09/28/2011 14:28
Acrylonitrile	A	***ND***	4900		µg/Kg	50	09/28/2011 14:28
Benzene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Bromodichloromethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Bromoform	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Bromomethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Carbon Disulfide	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Carbon tetrachloride	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Chlorobenzene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Chloroethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Chloroform	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Chloromethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
cis-1,2-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
cis-1,3-Dichloropropene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Dibromochloromethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:28

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #2
Sample Description:
Matrix: Oil

Work Order/ID: 11I1015-02
Sampled: 09/16/2011 15:41
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
m,p-Xylene	A	***320***	250		µg/Kg	50	09/28/2011 14:28
Methylene chloride	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Methyl-t-Butyl Ether	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
o-Xylene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Styrene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Tetrachloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Toluene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
trans-1,2-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
trans-1,3-Dichloropropene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Trichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:28
Trichlorofluoromethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Vinyl Acetate	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Vinyl chloride	A	***ND***	490		µg/Kg	50	09/28/2011 14:28
Total 1,2-Dichloroethene	M	***ND***	490		µg/Kg	50	09/28/2011 14:28
Total Xylenes	M	***480***	250		µg/Kg	50	09/28/2011 14:28
Surr: 1,2-Dichloroethane-d4	S	108.00	74.5-132		%REC	1	09/28/2011 14:28
Surr: 4-Bromofluorobenzene	S	96.50	80-120		%REC	1	09/28/2011 14:28
Surr: Dibromofluoromethane	S	100.00	80-120		%REC	1	09/28/2011 14:28
Surr: Toluene-d8	S	96.30	80-120		%REC	1	09/28/2011 14:28

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #3
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-03
Sampled: 09/16/2011 16:45
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3510B**				Analyst: **clr** Prep Date/Time: **09/27/2011 11:02**	
Aroclor 1016	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1221	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1232	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1242	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1248	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1254	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1260	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1262	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Aroclor 1268	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Total PCB's	A	***ND***	0.76	H	µg/L	1	09/27/2011 22:21
Surr: Decachlorobiphenyl	S	60.00	26-116	H	%REC	1	09/27/2011 22:21
Surr: Tetrachloro-m-xylene	S	105.00	40-130	H	%REC	1	09/27/2011 22:21
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
1,1,1-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
1,1,2,2-Tetrachloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
1,1,2-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
1,1-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
1,1-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
1,2-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
1,2-Dichloropropane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
2-Butanone	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
2-Hexanone	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
4-Methyl-2-Pentanone	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Acetone	A	***ND***	0.50		mg/L	10	09/28/2011 12:58
Acrolein	A	***ND***	1.0		mg/L	10	09/28/2011 12:58
Acrylonitrile	A	***ND***	1.0		mg/L	10	09/28/2011 12:58
Benzene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Bromodichloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Bromoform	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Bromomethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Carbon Disulfide	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Carbon tetrachloride	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Chlorobenzene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Chloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Chloroform	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Chloromethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
cis-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
cis-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Dibromochloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 12:58

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #3
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-03
Sampled: 09/16/2011 16:45
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
m,p-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Methylene chloride	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Methyl-t-Butyl Ether	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
o-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Styrene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Tetrachloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Toluene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
trans-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
trans-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Trichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 12:58
Trichlorofluoromethane	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Vinyl Acetate	A	***ND***	0.10		mg/L	10	09/28/2011 12:58
Vinyl chloride	A	***ND***	0.020		mg/L	10	09/28/2011 12:58
Total 1,2-Dichloroethene	M	***ND***	0.050		mg/L	10	09/28/2011 12:58
Total Xylenes	M	***ND***	0.050		mg/L	10	09/28/2011 12:58
Surr: 1,2-Dichloroethane-d4	S	111.00	74.5-132		%REC	1	09/28/2011 12:58
Surr: 4-Bromofluorobenzene	S	94.80	80-120		%REC	1	09/28/2011 12:58
Surr: Dibromofluoromethane	S	103.00	80-120		%REC	1	09/28/2011 12:58
Surr: Toluene-d8	S	96.20	80-120		%REC	1	09/28/2011 12:58
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **09/28/2011 08:27**	
Mercury	A	***ND***	0.00100		mg/L	1	09/28/2011 11:51
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **09/28/2011 08:40**	
Arsenic	A	***ND***	0.0100		mg/L	1	09/28/2011 15:36
Barium	A	***ND***	0.500		mg/L	1	09/28/2011 15:36
Cadmium	A	***ND***	0.00200		mg/L	1	09/28/2011 15:36
Chromium	A	***0.00990***	0.00300		mg/L	1	09/28/2011 15:36
Lead	A	***ND***	0.00750		mg/L	1	09/28/2011 15:36
Selenium	A	***ND***	0.0300		mg/L	1	09/28/2011 15:36
Silver	A	***ND***	0.0100		mg/L	1	09/28/2011 15:36

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #3
Sample Description:
Matrix: Oil

Work Order/ID: 11I1015-04
Sampled: 09/16/2011 16:45
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3580A**				Analyst: **clr** Prep Date/Time: **09/27/2011 09:47**	
Aroclor 1016	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1221	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1232	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1242	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1248	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1254	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1260	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1262	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Aroclor 1268	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Total PCB's	A	***ND***	1900		µg/Kg	1	09/27/2011 17:10
Surr: Decachlorobiphenyl	S	85.00	52.6-143		%REC	1	09/27/2011 17:10
Surr: Tetrachloro-m-xylene	S	55.00	51.3-135		%REC	1	09/27/2011 17:10
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
1,1,1-Trichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
1,1,2,2-Tetrachloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
1,1,2-Trichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
1,1-Dichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
1,1-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
1,2-Dichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
1,2-Dichloropropane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
2-Butanone	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
2-Hexanone	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
4-Methyl-2-Pentanone	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Acetone	A	***ND***	2500		µg/Kg	50	09/28/2011 14:58
Acrolein	A	***ND***	4900		µg/Kg	50	09/28/2011 14:58
Acrylonitrile	A	***ND***	4900		µg/Kg	50	09/28/2011 14:58
Benzene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Bromodichloromethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Bromoform	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Bromomethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Carbon Disulfide	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Carbon tetrachloride	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Chlorobenzene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Chloroethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Chloroform	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Chloromethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
cis-1,2-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
cis-1,3-Dichloropropene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Dibromochloromethane	A	***ND***	250		µg/Kg	50	09/28/2011 14:58

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #3
Sample Description:
Matrix: Oil

Work Order/ID: 11I1015-04
Sampled: 09/16/2011 16:45
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
m,p-Xylene	A	***480***	250		µg/Kg	50	09/28/2011 14:58
Methylene chloride	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Methyl-t-Butyl Ether	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
o-Xylene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Styrene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Tetrachloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Toluene	A	***820***	250		µg/Kg	50	09/28/2011 14:58
trans-1,2-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
trans-1,3-Dichloropropene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Trichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 14:58
Trichlorofluoromethane	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Vinyl Acetate	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Vinyl chloride	A	***ND***	490		µg/Kg	50	09/28/2011 14:58
Total 1,2-Dichloroethene	M	***ND***	490		µg/Kg	50	09/28/2011 14:58
Total Xylenes	M	***680***	250		µg/Kg	50	09/28/2011 14:58
Surr: 1,2-Dichloroethane-d4	S	107.00	74.5-132		%REC	1	09/28/2011 14:58
Surr: 4-Bromofluorobenzene	S	102.00	80-120		%REC	1	09/28/2011 14:58
Surr: Dibromofluoromethane	S	98.90	80-120		%REC	1	09/28/2011 14:58
Surr: Toluene-d8	S	96.30	80-120		%REC	1	09/28/2011 14:58
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **09/28/2011 08:27**	
Mercury	A	***ND***	0.00500		mg/L	1	09/28/2011 11:53
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **09/28/2011 08:40**	
Arsenic	A	***ND***	0.250		mg/L	1	09/28/2011 15:41
Barium	A	***ND***	12.5		mg/L	1	09/28/2011 15:41
Cadmium	A	***ND***	0.0500		mg/L	1	09/28/2011 15:41
Chromium	A	***ND***	0.0750		mg/L	1	09/28/2011 15:41
Lead	A	***ND***	0.188		mg/L	1	09/28/2011 15:41
Selenium	A	***ND***	0.750		mg/L	1	09/28/2011 15:41
Silver	A	***ND***	0.250		mg/L	1	09/28/2011 15:41

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #4
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-05
Sampled: 09/16/2011 17:10
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3510B**				Analyst: **clr** Prep Date/Time: **09/27/2011 11:02**	
Aroclor 1016	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1221	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1232	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1242	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1248	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1254	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1260	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1262	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Aroclor 1268	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Total PCB's	A	***ND***	1.0	H	µg/L	1	09/27/2011 22:44
Surr: Decachlorobiphenyl	S	50.00	26-116	H	%REC	1	09/27/2011 22:44
Surr: Tetrachloro-m-xylene	S	130.00	40-130	H	%REC	1	09/27/2011 22:44
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
1,1,1-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
1,1,2,2-Tetrachloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
1,1,2-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
1,1-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
1,1-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
1,2-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
1,2-Dichloropropane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
2-Butanone	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
2-Hexanone	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
4-Methyl-2-Pentanone	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Acetone	A	***ND***	0.50		mg/L	10	09/28/2011 13:27
Acrolein	A	***ND***	1.0		mg/L	10	09/28/2011 13:27
Acrylonitrile	A	***ND***	1.0		mg/L	10	09/28/2011 13:27
Benzene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Bromodichloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Bromoform	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Bromomethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Carbon Disulfide	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Carbon tetrachloride	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Chlorobenzene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Chloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Chloroform	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Chloromethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
cis-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
cis-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Dibromochloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:27

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #4
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-05
Sampled: 09/16/2011 17:10
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
m,p-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Methylene chloride	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Methyl-t-Butyl Ether	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
o-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Styrene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Tetrachloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Toluene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
trans-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
trans-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Trichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:27
Trichlorofluoromethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Vinyl Acetate	A	***ND***	0.10		mg/L	10	09/28/2011 13:27
Vinyl chloride	A	***ND***	0.020		mg/L	10	09/28/2011 13:27
Total 1,2-Dichloroethene	M	***ND***	0.050		mg/L	10	09/28/2011 13:27
Total Xylenes	M	***ND***	0.050		mg/L	10	09/28/2011 13:27
Surr: 1,2-Dichloroethane-d4	S	110.00	74.5-132		%REC	1	09/28/2011 13:27
Surr: 4-Bromofluorobenzene	S	96.80	80-120		%REC	1	09/28/2011 13:27
Surr: Dibromofluoromethane	S	102.00	80-120		%REC	1	09/28/2011 13:27
Surr: Toluene-d8	S	96.40	80-120		%REC	1	09/28/2011 13:27
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **09/28/2011 08:27**	
Mercury	A	***ND***	0.00100		mg/L	1	09/28/2011 11:56
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **09/28/2011 08:40**	
Arsenic	A	***ND***	0.0100		mg/L	1	09/28/2011 15:47
Barium	A	***ND***	0.500		mg/L	1	09/28/2011 15:47
Cadmium	A	***ND***	0.00200		mg/L	1	09/28/2011 15:47
Chromium	A	***0.00700***	0.00300		mg/L	1	09/28/2011 15:47
Lead	A	***ND***	0.00750		mg/L	1	09/28/2011 15:47
Selenium	A	***ND***	0.0300		mg/L	1	09/28/2011 15:47
Silver	A	***ND***	0.0100		mg/L	1	09/28/2011 15:47

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #4
Sample Description:
Matrix: Oil

Work Order/ID: 11I1015-06
Sampled: 09/16/2011 17:10
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3580A**				Analyst: **clr** Prep Date/Time: **09/27/2011 09:47**	
Aroclor 1016	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1221	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1232	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1242	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1248	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1254	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1260	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1262	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Aroclor 1268	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Total PCB's	A	***ND***	990		µg/Kg	1	09/27/2011 17:33
Surr: Decachlorobiphenyl	S	80.00	52.6-143		%REC	1	09/27/2011 17:33
Surr: Tetrachloro-m-xylene	S	80.00	51.3-135		%REC	1	09/27/2011 17:33
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
1,1,1-Trichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
1,1,2,2-Tetrachloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
1,1,2-Trichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
1,1-Dichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
1,1-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
1,2-Dichloroethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
1,2-Dichloropropane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
2-Butanone	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
2-Hexanone	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
4-Methyl-2-Pentanone	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Acetone	A	***ND***	2500		µg/Kg	50	09/28/2011 15:28
Acrolein	A	***ND***	5000		µg/Kg	50	09/28/2011 15:28
Acrylonitrile	A	***ND***	5000		µg/Kg	50	09/28/2011 15:28
Benzene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Bromodichloromethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Bromoform	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Bromomethane	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Carbon Disulfide	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Carbon tetrachloride	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Chlorobenzene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Chloroethane	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Chloroform	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Chloromethane	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
cis-1,2-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
cis-1,3-Dichloropropene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Dibromochloromethane	A	***ND***	250		µg/Kg	50	09/28/2011 15:28

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #4
Sample Description:
Matrix: Oil

Work Order/ID: 11I1015-06
Sampled: 09/16/2011 17:10
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
m,p-Xylene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Methylene chloride	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Methyl-t-Butyl Ether	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
o-Xylene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Styrene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Tetrachloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Toluene	A	***1200***	250		µg/Kg	50	09/28/2011 15:28
trans-1,2-Dichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
trans-1,3-Dichloropropene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Trichloroethene	A	***ND***	250		µg/Kg	50	09/28/2011 15:28
Trichlorofluoromethane	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Vinyl Acetate	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Vinyl chloride	A	***ND***	500		µg/Kg	50	09/28/2011 15:28
Total 1,2-Dichloroethene	M	***ND***	500		µg/Kg	50	09/28/2011 15:28
Total Xylenes	M	***ND***	250		µg/Kg	50	09/28/2011 15:28
Surr: 1,2-Dichloroethane-d4	S	107.00	74.5-132		%REC	1	09/28/2011 15:28
Surr: 4-Bromofluorobenzene	S	99.70	80-120		%REC	1	09/28/2011 15:28
Surr: Dibromofluoromethane	S	102.00	80-120		%REC	1	09/28/2011 15:28
Surr: Toluene-d8	S	94.90	80-120		%REC	1	09/28/2011 15:28
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **09/28/2011 08:27**	
Mercury	A	***ND***	0.00500		mg/L	1	09/28/2011 11:58
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **09/28/2011 08:40**	
Arsenic	A	***ND***	0.100		mg/L	1	09/28/2011 15:52
Barium	A	***ND***	5.00		mg/L	1	09/28/2011 15:52
Cadmium	A	***ND***	0.0200		mg/L	1	09/28/2011 15:52
Chromium	A	***0.0990***	0.0300		mg/L	1	09/28/2011 15:52
Lead	A	***0.0930***	0.0750		mg/L	1	09/28/2011 15:52
Selenium	A	***ND***	0.300		mg/L	1	09/28/2011 15:52
Silver	A	***ND***	0.100		mg/L	1	09/28/2011 15:52

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #5
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-07
Sampled: 09/16/2011 15:41
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
Polychlorinated Biphenyls		Method: **SW-846 8082** Prep Method: **SW846 3510B**				Analyst: **clr** Prep Date/Time: **09/27/2011 11:02**	
Aroclor 1016	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1221	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1232	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1242	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1248	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1254	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1260	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1262	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Aroclor 1268	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Total PCB's	A	***ND***	0.57	H	µg/L	1	09/27/2011 23:08
Surr: Decachlorobiphenyl	S	35.00	26-116	H	%REC	1	09/27/2011 23:08
Surr: Tetrachloro-m-xylene	S	90.00	40-130	H	%REC	1	09/27/2011 23:08
Volatile Organic Compounds		Method: **SW-846 8260B**				Analyst: **jln** Prep Date/Time: **09/28/2011 08:41**	
1,1,1,2-Tetrachloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
1,1,1-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
1,1,2,2-Tetrachloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
1,1,2-Trichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
1,1-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
1,1-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
1,2-Dichloroethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
1,2-Dichloropropane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
2-Butanone	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
2-Hexanone	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
4-Methyl-2-Pentanone	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Acetone	A	***ND***	0.50		mg/L	10	09/28/2011 13:57
Acrolein	A	***ND***	1.0		mg/L	10	09/28/2011 13:57
Acrylonitrile	A	***ND***	1.0		mg/L	10	09/28/2011 13:57
Benzene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Bromodichloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Bromoform	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Bromomethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Carbon Disulfide	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Carbon tetrachloride	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Chlorobenzene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Chloroethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Chloroform	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Chloromethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
cis-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
cis-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Dibromochloromethane	A	***ND***	0.050		mg/L	10	09/28/2011 13:57

Analytical Results

Date: *Friday, September 30, 2011*

Client: Industrial & Environmental Services, LLC
Client Project: Drum Disposal / Gary, IN
Client Sample ID: Composite Sample #5
Sample Description:
Matrix: Aqueous

Work Order/ID: 11I1015-07
Sampled: 09/16/2011 15:41
Received: 09/19/2011 11:12

Analyses	AT	Result	RL	Qual	Units	DF	Analyzed
		Method: **SW-846 8260B**				Analyst: **jln**	
Volatile Organic Compounds						Prep Date/Time: **09/28/2011 08:41**	
Ethylbenzene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
m,p-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Methylene chloride	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Methyl-t-Butyl Ether	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
o-Xylene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Styrene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Tetrachloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Toluene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
trans-1,2-Dichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
trans-1,3-Dichloropropene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Trichloroethene	A	***ND***	0.050		mg/L	10	09/28/2011 13:57
Trichlorofluoromethane	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Vinyl Acetate	A	***ND***	0.10		mg/L	10	09/28/2011 13:57
Vinyl chloride	A	***ND***	0.020		mg/L	10	09/28/2011 13:57
Total 1,2-Dichloroethene	M	***ND***	0.050		mg/L	10	09/28/2011 13:57
Total Xylenes	M	***ND***	0.050		mg/L	10	09/28/2011 13:57
Surr: 1,2-Dichloroethane-d4	S	111.00	74.5-132		%REC	1	09/28/2011 13:57
Surr: 4-Bromofluorobenzene	S	94.50	80-120		%REC	1	09/28/2011 13:57
Surr: Dibromofluoromethane	S	102.00	80-120		%REC	1	09/28/2011 13:57
Surr: Toluene-d8	S	97.20	80-120		%REC	1	09/28/2011 13:57
		Method: **1311/7470A**				Analyst: **SA**	
TCLP Mercury by CVAA		Prep Method: **/SW-846 7470**				Prep Date/Time: **09/28/2011 08:27**	
Mercury	A	***ND***	0.00500		mg/L	1	09/28/2011 11:59
		Method: **1311/6010B**				Analyst: **SA**	
TCLP Metals by ICP		Prep Method: **/SW846 3010A**				Prep Date/Time: **09/28/2011 08:40**	
Arsenic	A	***ND***	0.100		mg/L	1	09/28/2011 15:58
Barium	A	***ND***	5.00		mg/L	1	09/28/2011 15:58
Cadmium	A	***ND***	0.0200		mg/L	1	09/28/2011 15:58
Chromium	A	***ND***	0.0300		mg/L	1	09/28/2011 15:58
Lead	A	***ND***	0.0750		mg/L	1	09/28/2011 15:58
Selenium	A	***ND***	0.300		mg/L	1	09/28/2011 15:58
Silver	A	***ND***	0.100		mg/L	1	09/28/2011 15:58

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed
mg/L	=	Milligrams per Liter (ppm)
mg/Kg	=	Milligrams per Kilogram (ppm)
U	=	Undetected
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)
B	=	Detected in the associated method Blank at a concentration above the routine PQL/RL
D	=	Dilution performed on sample
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if used)
E	=	Value above quantitation range
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time
I	=	Matrix Interference
R	=	RPD outside accepted recovery limits
S	=	Spike recovery outside recovery limits
Surr	=	Surrogate
DF	=	Dilution Factor
RL	=	Reporting Limit
MDL	=	Method Detection Limit
NR	=	Not Recovered

ANALYTE TYPES: (AT)

A,B	=	Target Analyte
I	=	Internal Standard
M	=	Summation Analyte
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate
BS	=	Method Blank Spike	BSD	=	Method Blank Spike Duplicate
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification
PDS	=	Post Digestion Spike	SD	=	Serial Dilution
OPR	=	Ongoing Precision and Recovery Standard			

CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

The American Association for Laboratory Accreditation [A2LA] for Biological Testing, ISO/IEC 17025 (Certificate# 3045.01)
The American Association for Laboratory Accreditation [A2LA] for Environmental Department of Defense Testing, ISO/IEC 17025 (Certificate# 3045.02)
Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #200064)
Illinois Department of Public Health for the microbiological analysis of drinking water (registry #1755266)
Indiana DEM approved support laboratory for solid waste and wastewater analyses
Indiana SDH for the chemical analysis of drinking water (lab #C-45-03)
Indiana SDH for the microbiological analysis of drinking water (lab #M-45-8)
Kansas Department of Health and Environment for the analysis of drinking water, wastewater, and solid hazardous waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (Certificate No. E-10397)
Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #75)
North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations(certificate #597)
Pennsylvania Department of Environmental Protection (Registration No.: 68-04863)
Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

COOLER INSPECTION

Date: Friday, September 30, 2011

Client Name: Industrial & Environmental Services, LLC

Date/Time Received: 09/19/2011 11:12

Work Order Number: 11I1015

Received by: Dave Bryant

Checklist completed by: 9/23/2011 11:03:00AM | Dave Bryant

Reviewed by: 9/30/2011 | DPP

Carrier Name: Microbac

Cooler ID: Default Cooler

Container/Temp Blank Temperature: 6.00°C

After-Hour Arrival?	Yes	☐	No	☑		
Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐
Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	Not Present	☑
Custody seals intact on sample containers?	Yes	☐	No	☐	Not Present	☑
COC present?	Yes	☑	No	☐		
COC included sufficient client identification?	Yes	☑	No	☐		
COC included sufficient sample collector information?	Yes	☑	No	☐		
COC included a sample description?	Yes	☑	No	☐		
COC agrees with sample labels?	Yes	☑	No	☐		
COC identified the appropriate matrix?	Yes	☑	No	☐		
COC included date of collection?	Yes	☑	No	☐		
COC included time of collection?	Yes	☑	No	☐		
COC identified the appropriate number of containers?	Yes	☑	No	☐		
Samples in proper container/bottle?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☐	No	☑		
All samples received within holding time?	Yes	☑	No	☐		
If the samples are preserved, are the preservatives identified?	Yes	☑	No	☐		

If No, adjusted by? _____

COC included the requested analyses?	Yes	☑	No	☐		
COC signed when relinquished and received?	Yes	☑	No	☐		
Samples received on ice?	Yes	☑	No	☐		
Samples properly preserved?	Yes	☑	No	☐		
Voa vials for aqueous samples have zero headspace?	Yes	☐	No	☐	No VOA vials submitted	☑

Cooler Comments:

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

Sample ID	Client Sample ID	Comments
11I1015-01	Composite Sample #2	Aqueous Layer
11I1015-02	Composite Sample #2	Oil Layer Limited sample TCLP is lowest priority
11I1015-03	Composite Sample #3	Aqueous Layer
11I1015-04	Composite Sample #3	Oil Layer Limited sample TCLP is lowest priority
11I1015-05	Composite Sample #4	Aqueous Layer
11I1015-06	Composite Sample #4	Oil Layer Limited sample TCLP is lowest priority
11I1015-07	Composite Sample #5	Aqueous Layer

Microbac

Samples Submitted to:

[X] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664

[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

Number 86752

Instructions on back

111015 Dan Paluch
IES - Gary, IN
General Analysis

09/19/2011

Client Name I.E.S.	Project DRUM DISPOSAL	Turnaround Time	Report Type
Address 7550 E. MELTON RD	Location GARY, IN	[ ] Routine (7 working days)	[X] Results Only [ ] Level II
City, State, Zip GARY, IN 46403	PO #	[ ] RUSH* (notify lab)	[ ] Level III [ ] Level III CLP-like
Contact DAVID PENA	Compliance Monitoring? [X] Yes(1) [ ] No	_____ (needed by)	[ ] Level IV [ ] Level IV CLP-like
Telephone # 219-939-5000	(1)Agency/Program IDEM/RISC		[ ] EDD

Sampled by (PRINT) DAVID PENA Sampler Signature David Pena Sampler Phone # 219-939-5000

Send Report via [ ] Mail [ ] Telephone [ ] Fax (fax #) _____ [ ] e-mail (address) _____

* **Matrix Types:** Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** **Preservative Types:** (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types **	TCLP RCRA 8 METALS	VOCs	PCBs							For Lab Use Only
COMPOSITE SAMPLE #2	DW		X		9/16/11	3:41p	2	NONE	X	X	X							01/02
COMPOSITE SAMPLE #3	↓		↓		↓	4:45p	↓	↓	X	X	X							03/04
COMPOSITE SAMPLE #4	↓		↓		↓	5:10p	↓	↓	X	X	X							05/06
COMPOSITE SAMPLE #5	↓		↓		↓	4:33p	↓	↓	X	X	X							07

Possible Hazard Identification [ ] Hazardous [X] Non-Hazardous [ ] Radioactive Sample Disposition [X] Dispose as appropriate [ ] Return [ ] Archive

Comments	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
	David Pena	9/19/11 1054		9/19/11 1054
		9/19/11 1112		
Sample temperature upon receipt in degrees C = 6° OI	Relinquished By (signature)	Date/Time	Received for Lab By (signature)	Date/Time
				9/19/11 1112

rev. 11/04/04

ATTACHMENT C

Disposal Documentation/Manifests

RS Used Oil Services, Inc.

SERVICE ORDER 1279777 No. 59114

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 10/19/2011

Manifest # 009291657

Route #

Generator/Customer/Job Site:

Name: FORMER TRUCK CITY OF GARY

Address: 7360 CHICAGO AVE

City, State, Zip: GARY IN 46406

Phone Number: 219-939-5000

Contractor:

Name: I.E.S.

Address: 7550 E MELTON

City, State, Zip: GARY IN 46403

Phone Number: 219-939-5000

Purchase Order Number:	Job Number:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
460	Non-Hazardous Oily Water/Coolant					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
	On-Spec Used Oil Delivered					

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1- 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name X DAVID PEÑA Customer Signature X David Peña Date 10/19/11

Arrival Time:_____ Begin Loading:_____ End Loading:_____ Depart Time:_____

Remarks: 1000 NHW
SMALL VAC

Next Service Date: Oil_____ Filter_____

Driver Name B Richmond Driver Signature B Richmond

Office Use Only	Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)	
Amount_____ Check Cash	Amount_____ Check Cash Credit Card

DRIVER

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone 219-934-9300

4. Manifest Tracking Number 009291657 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

LES
1550 E Melton
Gary IN

Generator's Phone: 219) 938-5400

6. Transporter 1 Company Name
RS Used Oil Services, Inc

U.S. EPA ID Number
ILR000103184

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
1408 GATLIN DRIVE
GRIFFITH, IN 46319

U.S. EPA ID Number
918090420

Facility's Phone: 219 922-4545

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Used Oil/Water Non-Hazardous Not Regulated by D.O.T	9	TT	460	G	
	2.		TT		G	
	3.		TT		G	
	4.					

14. Special Handling Instructions and Additional Information

TICKET WO# 27114 TRANSPORTER# UPW0758189-IL
IL ID# 1970665029

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X DAVID PENA Signature: X David Pena Month: 10 Day: 19 Year: 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: B. Richmond Signature: B. Richmond Month: 10 Day: 19 Year: 11

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Nicole Garcia Signature: Nicole Garcia Month: 10 Day: 19 Year: 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

ERTS Contract #: 4727

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IND016336232	1	(800) 451-8346	001528671 GBF

GENERATOR

5. Generator's Name and Mailing Address

Truck City of Gary
839 Broadway, Suite N206
Gary, IN 46402
Generator's Phone: (219) 882-3000 Attn: Dorreen Carey

Generator's Site Address (if different than mailing address)

7360 W. Chicago Ave.
Gary, IN 46406

6. Transporter 1 Company Name

Stericycle Specialty Waste Solutions, Inc.

U.S. EPA ID Number: MNS000110924

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Tradebe Treatment and Recycling, LLC.
4343 Kennedy Ave.
East Chicago, IN 46312
Facility's Phone: (219) 397-3951

U.S. EPA ID Number: IND000646943

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA3082, Hazardous waste, liquid, n.o.s., 9, PG III (RQ-D018, D035) (Methyl ethyl ketone, Acetone)	011 ~~010~~	DM	00605 ~~00550~~	G	D018	D035	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

9b.1) ERG# 171, Profile# 110774-1, (4,400 lbs.)

Job no. 110774

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name (Dorreen Carey) | Signature | on behalf of Truck City of Gary | Month 11 | Day 4 | Year 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

1 OF 2

Treatment and Recycling LLC
Land Disposal Restriction Notification Form
Manifest # for initial Shipment ~~001528623GBF~~ 001528671GBF 11/3/11

TRADEBE

__ The waste described on waste stream profile _____ is not regulated under RCRA 40 CFR
X The waste described on waste stream profile 110774-1 does not meet the applicable
treatment standards in 40 CFR 268 Subpart D.

TREATABILITY GROUP

__ This is a wastewater stream. X This is a non-wastewater stream.

CHARACTERISTIC WASTE

CODE	SUBCATEGORY/CONSTITUENTS
__ D001	Ignitable Wastes (TOC>10%)
__ D001*	Ignitable Wastes(TOC<10%)
__ D002*	Corrosive Wastes
__ D003	Reactive Sulfides based on 261.23(a)(5)
__ D003*	Other Reactive based on 261.23(a) (1)
__ D003*	Water Reactive based on 261.23(a) (2),(3),(4)
__ D003	Reactive Cyanides based on 261.23 (a) (5)
__ D004*	Arsenic
__ D005*	Barium
__ D006*	Cadmium
__ D006*	Cadmium Containing Batteries
__ D007*	Chromium
__ D008*	Lead
__ D008*	Lead Acid Batteries
__ D009*	High Mercury-Organic >260ppm Hg
__ D009*	High Mercury-Inorganic<260ppm Hg
__ D009*	Low Mercury <260ppm
__ D009*	Mercury Wastewater

CODE	SUBCAT/CONSTITUENTS
__ D010*	Selenium
__ D011*	Silver
__ D012*	Endrin
__ D013*	Lindane
__ D014*	Methoxychlor
__ D015*	Toxaphene
__ D016*	2,4-D
__ D017*	2,4,5-TP (Silvex)
X D018*	Benzene
__ D019*	Carbon Tetrachloride
__ D020*	Chlordane
__ D021*	Chlorobenzene
__ D022*	Chloroform
__ D023*	o-Cresol
__ D024*	m-Cresol
__ D025*	p-Cresol
__ D026*	Cresol (Total)
__ D027*	p-Dichlorobenzene

CODE	SUBCAT/CONSTITUENTS
__ D028*	1,2-Dichloroethane
__ D029*	1,1-Dichloroehylene
__ D030*	2,4-Dinitrotoluene
__ D031*	Heptachlor
__ D032*	Hexachlorobenzene
__ D033*	Hexachlorobutadiene
__ D034*	Hesxachloroethane
X D035*	Methyl ethyl ketone
__ D036*	Nitrobenzene
__ D037*	Pentachlorophenol
__ D038*	Pyridine
__ D039*	Tetrachloroethylene
__ D040*	Trichloroethylene
__ D041*	2,4,5-Trichlorophenol
__ D042*	2,4,6-Trichlorophenol
__ D043*	Vinyl chloride

If the waste identified by an asterisk (*) contains any Underlying Hazardous Constituents see APPENDIX I per 268.7 (a)(1)

CODE	SUBCATEGORY/CONSTITUENTS
__ F001	Spent Halogenated Solvents
__ F002	Spent Halogenated Solvents
__ F003	Spent Non-halogenated Solvents
__ F003	wastes containing only one or more of: carbon disulfide, cyclohexanone, and/or methanol
__ F004	Spent Non-halogenated Solvents
__ F005	Spent Non-halogenated Solvents
__ F005	wastes containing only one or more of: carbon disulfide, cyclohexanone, and / or methanol
__ F005	Contains only 2-nitropropane
__ F005	Cotnains only 2-ethoxyethanol
__ F025	Light Ends
__ F025	Spent filters / aids and dessicants
__ K006	Anhydrous
__ K006	Hydrated

CODE	SUBCATEGORY/CONSTITUENTS
__ U151	Non wastewaters containing >260ppm total Hg
__ U151	All U151 (mercury) wastewaters
__ K071	Non wastewaters that are residues from RMERC
__ K071	Non wastewaters not residues from RMERC
__ P047	4,6-dinitro-o-cresol
__ P047	4,6-dinitro-o-cresol salts
__ P065	Non Wastewater, not incinerator or RMERC residue
__ P065	Non Wastewaters from RMERC <260ppm Hg
__ P065	Non wastewater incinerator residue <260ppm
__ P065	All P065 wastewaters
__ P092	Non Wastewater, not incinerator or RMERC residue
__ P092	Non Wastewaters from RMERC <260ppm Hg
__ P092	Non wastewater incinerator residue <260ppm
__ P092	All P092 wastewaters
__ U240	2,4-D
__ U240	2,4-D salts and esters

CHECK REGULATED CONSTITUENTS FOR LISTED WASTE IDENTIFIED ABOVE (F001-F005)

__ Benzene	__ Cresol	__ Methylene chloride	__ 1,1,1-Trichloroethane
__ n-Butyl alcohol	__ Cyclohexanone	__ Methyl ethyl Ketone	__ 1,1,2-Trichloroethane
__ Carbon disulfide	__ o-Dichlorobenzene	__ Methyl isobutyl ketone	__ 1,1,2-Trichloro-1,2,2-trifluoroethane
__ Carbon tetrachloride	__ Ethyl acetate	__ Nitrobenzene	__ Trichloroethylene
__ Chlorobenzene	__ Ethyl benzene	__ Pyridine	__ Trichloromonofluoromethene
__ o-Cresol	__ Ethyl ether	__ Tetrachloroethylene	__ Xylenes
__ m-Cresol	__ Isobutyl alcohol		

OTHER WASTE CODES

For all other waste codes please use continuation page

CERTIFICATION

I certify under penalty of law that I am familiar with this waste and all information is true and accurate and in compliance with the standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

Name Printed: DAVID ORTIZ (AGENT FOR CITY OF ENNIS) Title: ENVIRONMENTAL CONSULTANT
Authorized Signature: _____ Date: 11/4/11

Tradebe Environmental Services

TRADEBE

APPENDIX I - LDR - UNIVERSAL TREATMENT STANDARDS:
IF THE WASTE CARRIES A CHARACTERISTIC CODE (D-CODE) YOU MUST CHECK ALL CHEMICALS THAT ARE PRESENT
AMOUNTS GREATER THAN TREATMENT STANDARDS IN WASTE STREAM PROFILE 110774-1

___ Acenaphthylene
___ Acenaphthene
X Acetone
___ Acetonitrile
___ Acetophenone
___ 2-Acetylaminofluorene
___ Acrolein
___ Acrylamide
___ Acrylonitrile
___ Aldicarb sulfone
___ Aldrin
___ 4-Aminobiphenyl
___ Aniline
___ Anthracene
___ Aramite
___ alpha-BHC
___ beta-BHC
___ delta-BHC
___ gamma-BHC
___ Barban
___ Bendiocarb
___ Benomyl
X Benzene
___ Benz(a)anthracene
___ Benzal chloride
___ Benzo(b)fluoranthene
___ Benzo(k)fluoranthene
___ Benzo(g,h,i)perylene
___ Benzo(a)pyrene
___ Bromodichloromethane
___ Bromomethane
___ 4-Bromophenyl phenyl ether
___ n-Butyl alcohol
___ Butylate
___ Butyl benzyl phthalate
___ 2-sec-Butyl-4,6-dinitrophenol
___ Carbaryl
___ Carbendazim
___ Carbofuran
___ Carbofuran phenol
___ Carbon disulfide
___ Carbon tetrachloride
___ Carbosulfan
___ Chlordane
___ p-Chloroaniline
___ Chlorobenzene
___ Chlorobenzilate
___ 2-Chloro-1,3-butadiene
___ Chlorodibromomethane
___ Chloroethane
___ bis(2-Chloroethoxy)methane
___ bis(2-Chloroethyl)ether
___ Chloroform
___ bis(2-Chloroisopropyl)ether
___ p-Chloro-m-cresol
___ 2-Chloroethyl vinyl ether
___ Chloromethane
___ 2-Chloronaphthalene
___ 2-Chlorophenol
___ 3-Chloropropylene
___ Chrysene
___ o-Cresol
___ m-Cresol
___ p-Cresol
___ m-Cumenyl methylcarbamate
___ Cyclohexanone
___ o,p-DDD
___ p,p'-DDD
___ o,p-DDE
___ p,p'-DDE
___ DDT
___ p,p'-DDT
___ Dibenz(a,h)anthracene
___ Dibenz(a,e)pyrene
___ 1,2-Dibromo-3-chloropropane
___ 1,2-Dibromoethane
___ Ethylene dibromide
___ Dibromomethane
___ m-Dichlorobenzene
___ o-Dichlorobenzene
___ p-Dichlorobenzene
___ Dichlorodifluoromethane
___ 1,1-Dichloroethane
___ 1,2-Dichloroethane
___ 1,1-Dichloroethylene
___ trans-1,2-Dichloroethylene
___ 2,4-Dichlorophenol
___ 2,6-Dichlorophenol
___ 2,4-D
___ 1,2-Dichloropropane
___ cis-1,3-Dichloropropylene
___ trans-1,3-Dichloropropylene
___ Dieldrin
___ Diethyl phthalate
___ p-Dimethylaminoazobenzene
___ 2,4-Dimethyl phenol
___ Dimethyl phthalate
___ Di-n-butyl phthalate
___ 1,4-Dinitrobenzene
___ 4,6-Dinitro-o-cresol
___ 2,4-Dinitrophenol
___ 2,4-Dinitrotoluene
___ 2,6-Dinitrotoluene
___ Di-n-octyl phthalate
___ Di-n-propylnitrosamine
___ 1,4-Dioxane
___ Diphenylamine
___ Diphenylnitrosamine
___ 1,2-Diphenylhydrazine
___ Disulfoton
___ Dithiocarbamates
___ Endosulfan
___ Endosulfan II
___ Endosulfan sulfate
___ Endrin
___ Endrin aldehyde
___ EPTC
___ Ethyl acetate
X Ethyl benzene
___ Ethyl cyanide
___ ether
___ Ethyl methacrylate
___ Ethylene oxide
___ Famphur
___ Fluoranthene
___ Fluorene
___ Formetanate hydrochloride
___ Heptachlor
___ Heptochlor epoxide
___ heptochlorobenzene
___ Hexachlorobutadiene
___ Hexachlorocyclopentadiene
___ Hexachlorodibenzo-p-dioxins
___ HxCDD
___ Hexachlorodibenzofurans
___ HxCDF
___ Hexachloroethane
___ Indeno(1,2,3-c,d) pyrene
___ Iodomethane
___ Isobutyl alcohol
___ Isodrin
___ Isosafrole
___ Kepone
___ Methacrylonitrile
___ Methanol
___ Methapyrilene
___ Methiocarb
___ Methomyl
___ Methoxychlor
___ 3-Methylcholanthrene
___ 4,4-Methylene bis(2-chloroaniline)
___ Dichloromethane
X MEK
___ Methyl isobutyl ketone
___ Methyl methacrylate
___ Methyl methanesulfonate
___ Methyl parathion
___ Metolcarb
___ Mexacarbate
___ Molinate
___ Naphthalene
___ 2-Naphthylamine
___ o-Nitroaniline
___ Nitroaniline
___ Nitrobenzene
___ 5-Nitro-o-toluidine
___ Nitrophenol
___ p-Nitrophenol
___ N-Nitrosodiethylamine
___ N-Nitrosodimethylamine
___ N-Nitroso-di-n-butylamine
___ N-Nitrosomethylethylamine
___ N-Nitrosomorpholine
___ N-Nitrosopiperidine
___ N-Nitrosopyrrolidine
___ Oxamyl
___ Parathion
___ PCB
___ Pebulate
___ Pentachlorobenzene
___ PeCDD
___ PeCDF
___ Pentachloroethane
___ Pentachloronitrobenzene
___ Pentachlorophenol
___ Phenacetin
___ Phenanthrene
___ Phenol
___ Phorate
___ Phthalic acid
___ Phthalic anhydride
___ Physostigmine
___ Physostigmine salicylate
___ Promecarb
___ Pronamide
___ Propham
___ Propoxur
___ Prosulfocarb
___ Pyrene
___ Pyridine
___ Safrole
___ 2,4,5-TP
___ 1,2,4,5-Tetrachlorobenzene
___ TCDD
___ TCDF
___ 1,1,1,2-Tetrachloroethane
___ 1,1,2,2-Tetrachloroethane
___ Tetrachloroethylene
___ 2,3,4,6-Tetrachlorophenol
___ Thiodicarb
___ Thiophanate-methyl
X Toluene
___ Toxaphene
___ Triallate
___ Bromoform
___ 1,2,4-Trichlorobenzene
___ 1,1,1-Trichloroethane
___ 1,1,2-Trichloroethane
___ Trichloroethylene
___ Trichlorofluoromethane
___ 2,4,5-Trichlorophenol
___ 2,4,6-Trichlorophenol
___ 2,4,5-Trichlorophenoxyacetic acid
___ 1,2,3-Trichloropropane
___ 1,1,2-Trichloro-1,2,2-trifluoroethane
___ Triethylamine
___ tris-(2,3-Dibromopropyl) phosphate
___ Vinyl chloride
X Xylenes
___ Antimony
___ Arsenic
___ Barium
___ Beryllium
___ Cadmium
___ Chromium
___ Cyanides (total)
___ Cyanides
___ Fluoride
___ Lead
___ Mercury (non waste water from retort)
___ Mercury (all others)
___ Nickel
___ Selenium
___ Silver
___ Sulfide
___ Thallium
___ Vanadium
___ Zinc